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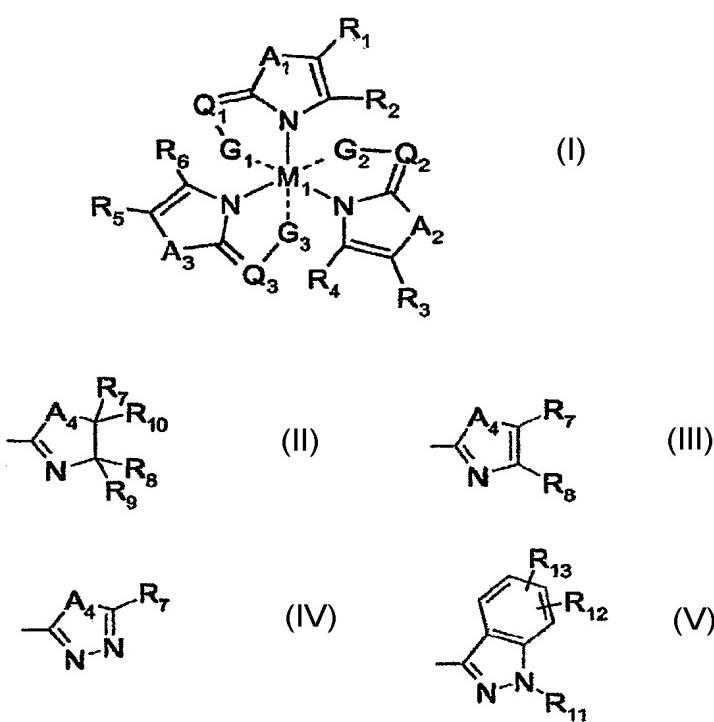
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(54) Title: OPTICAL RECORDING MATERIALS HAVING HIGH STORAGE DENSITY



**(57) Abstract:** The invention relates to an optical recording medium comprising a substrate, a reflecting layer and a recording layer comprising a compound of formula (I) or a tautomer thereof, wherein G<sub>1</sub>, G<sub>2</sub> and G<sub>3</sub> are each independently of the other A<sub>1</sub>, A<sub>2</sub> and A<sub>3</sub> are each independently of the other N(R<sub>14</sub>)<sub>2</sub>O, S or Se and A<sub>4</sub> is C(C<sub>1</sub>-C<sub>5</sub>alkyl)<sub>2</sub>, C(C<sub>4</sub>-C<sub>5</sub>alkylene), N(R<sub>14</sub>), O, S, Se, N=C(R<sub>15</sub>) or CH=C(R<sub>16</sub>); M<sub>1</sub> is an at least trivalent metal of groups 3 to 15 most preferred Co(III) or Cr(III); Q<sub>1</sub>, Q<sub>2</sub> and Q<sub>3</sub> are each independently of the other C(R<sub>17</sub>), N or P. Recording and playback are effected especially at a wavelength of from 350 to 500 nm, for example using a blue laser.



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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